2 - Parts List & Layouts

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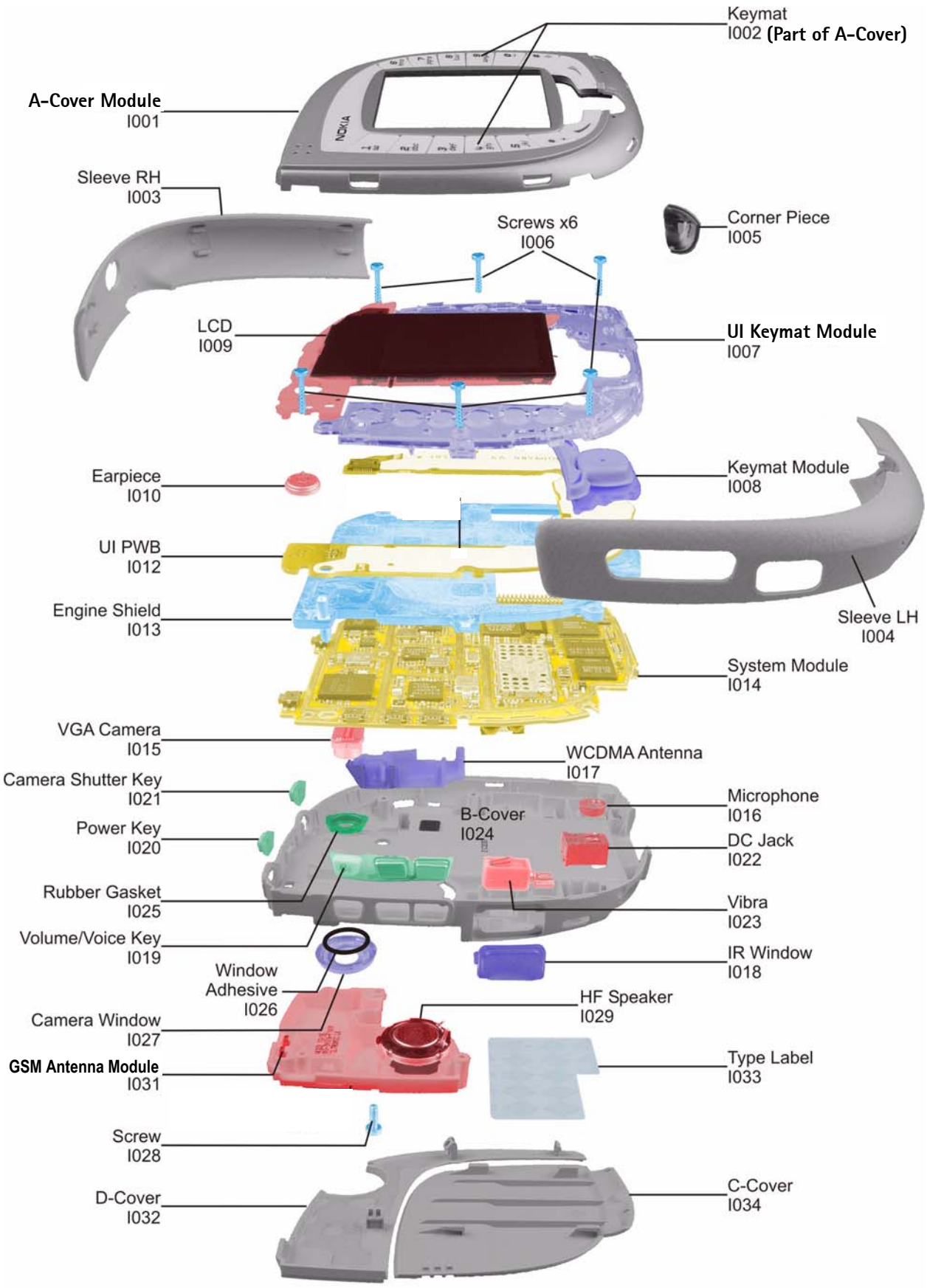
Exploded view of Nokia NMM-3, 7600



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Mechanical Parts List

Item	Description	NMP code
I001	A-cover Module White A-cover Module Grey	9458722 9458935
I002	Keymat (Part of A-cover Module)	~~~~~~
I003	Sleeve/Bumper RH White Sleeve/Bumper RH Grey	9470357 9470403
I004	Sleeve/Bumper LH White Sleeve/Bumper LH Grey	9470354 9470401
I005	Corner Piece	9470311
I006	Screw M1.6 x 9 T6 (6 off)	6150903
I007	Keymat Lightguide	9460507
I008	UI Keymat Module	9790781
I009	LCD	4850289
I010	Earpiece	5140251
I012	UI Module	9470365
I013	Engine Shield	9511079
I014	System Module	9458653
I015	VGA Camera	485D001
I016	Microphone Module	5140263
I017	Antenna WCDMA	0660271
I018	IR Window	9460496
I019	Volume/Voice Key	9460495
I020	Power Key	9460493
I021	Camera Shutter Key	9460579
I022	DC Jack Connector	5400243
I023	Vibra Module	6800057
I024	B-cover	9459973
I025	Rubber Gasket/Camera Window Boot	9481137
I026	Window Adhesive	7520043
I027	Camera Window Module	9470314
I028	Screw M1.6 x 5.3 T6 (1 off)	6150905
I029	Handsfree Speaker	5140253
I031	Antenna GSM Module	0660270
I032	D-cover Module White D-cover Module Grey	9460556 9460557
I033	Type/Product label	9381328
I034	C-cover White C-cover Grey	9460513 9460520

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Parts List for NMM-3 Module

PWB (me8_20_B5.2a) Components

Item	Product Code	Location Side, Grid ref.			Description, Value and Type			
A100	9560210	Botm	G	4	RF SHIELD ASSY DMC04207-EN P1188	~	SHIELD_DMD07823	
A960	9517213	Top	N	12	RF_SHIELD_DMD09666	~	~	~
B200	4510303	Top	M	9	CRYSTAL_FC_255	~	32.768kHz	~
B253	4700135	Botm	N	9	XH414H_II02N	~	3.3V	~
C100	2315269	Top	C	8	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C101	2320805	Top	G	5	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C103	2320783	Botm	O	4	0402C	CHIPCAP X7R 33N K 10V 0402	33n	10V
C104	2320783	Botm	O	4	0402C	CHIPCAP X7R 33N K 10V 0402	33n	10V
C105	2320805	Top	J	7	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C106	2320805	Botm	D	10	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C109	2320481	Top	I	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C110	2320805	Botm	D	10	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C111	2320805	Botm	D	10	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C115	2320744	Botm	O	4	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C116	2320744	Botm	O	4	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C119	2320544	Botm	O	4	0402C	Chipcap 5% NP0	22p	50V
C120	2320805	Botm	O	4	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C200	2310037	Top	J	6	0805C	CHIPCAP X5R 10U M 6V3 0805	10U	6V3
C201	2320481	Top	L	10	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C202	2310037	Top	J	6	0805C	CHIPCAP X5R 10U M 6V3 0805	10U	6V3
C203	2310037	Top	J	6	0805C	CHIPCAP X5R 10U M 6V3 0805	10U	6V3
C204	2320481	Top	N	7	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C205	2320805	Top	M	8	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C206	2315269	Top	M	8	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C207	2315269	Top	K	10	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C208	2315269	Top	L	10	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C209	2315269	Top	L	10	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C210	2320536	Top	M	9	0402C	Chipcap 5% NP0	10p	50V
C211	2320536	Top	M	10	0402C	Chipcap 5% NP0	10p	50V
C212	2320805	Top	N	9	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C213	2320481	Top	M	9	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C214	2320481	Top	M	8	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C218	2320560	Top	J	8	0402C	Chipcap 5% NP0	100p	50V
C219	2320560	Top	J	8	0402C	Chipcap 5% NP0	100p	50V
C220	2315269	Top	J	8	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V

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Item	Product Code	Location Side, Grid ref.			Description, Value and Type			
C221	2320756	Top	M	10	0402C	Chipcap X7R 10% 50V 0402	3n3	50V
C222	2315269	Top	J	9	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C223	2315269	Top	J	8	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C224	2320491	Top	K	10	0603C	CHIPCAP X7R 220N K 10V 0603	220n	10V
C225	2320481	Top	J	10	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C226	2320744	Top	N	8	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C227	2320744	Top	N	8	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C228	2320744	Top	L	10	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C229	2320744	Top	L	10	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C230	2310037	Top	K	10	0805C	CHIPCAP X5R 10U M 6V3 0805	10U	6V3
C232	2320604	Botm	I	17	0402C	Chipcap 5% NP0	18p	50V
C233	2315269	Top	J	9	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C234	2315269	Top	J	9	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C235	2315269	Top	J	9	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C236	2320481	Top	J	10	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C237	2611731	Botm	E	16	TANT_TAJY	CHIPTCAP 100U M 16V 7.3X4.3X2.0	100u_16V	16V
C239	2320544	Botm	F	17	0402C	Chipcap 5% NP0	22p	50V
C240	2320481	Top	J	7	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C241	2320481	Top	J	10	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C242	2320481	Top	K	10	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C243	2320536	Botm	L	14	0402C	Chipcap 5% NP0	10p	50V
C245	2320584	Top	J	7	0402C	Chipcap 5% X7R	1n0	50V
C300	2320560	Top	C	10	0402C	Chipcap 5% NP0	100p	50V
C301	2316001	Top	N	4	0603C	CHIPCAP X5R 2U2 K 6V3 0603	2u2	6V3
C304	2320805	Top	M	4	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C305	2320805	Top	M	5	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C306	2320481	Top	M	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C308	2315269	Top	M	4	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C309	2320560	Top	N	5	0402C	Chipcap 5% NP0	100p	50V
C311	2320744	Top	I	6	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C387	2312243	Top	N	9	0805C	CHIPCAP X5R 4U7 K 6V3 0805	4u7	6V3
C405	2320805	Botm	M	5	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C407	2320546	Botm	P	8	0402C	Chipcap 5% NP0	27p	50V
C408	2320125	Botm	O	7	0603C	CHIPCAP X5R 1U K 16V 0603	1u0	16V
C409	2320125	Botm	P	7	0603C	CHIPCAP X5R 1U K 16V 0603	1u0	16V
C410	2320744	Top	E	5	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C411	2320544	Top	E	5	0402C	Chipcap 5% NP0	22p	50V
C412	2320783	Top	N	9	0402C	CHIPCAP X7R 33N K 10V 0402	33n	10V

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Item	Product Code	Location Side, Grid ref.			Description, Value and Type			
C413	2320783	Top	N	9	0402C	CHIPCAP X7R 33N K 10V 0402	33n	10V
C414	2315269	Top	M	3	0405_GNM23	CHIP ARRAY X5R 2X1U K 6V3 MA	2x1u	6.3V
C415	2320805	Top	L	2	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C420	2320805	Top	K	3	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C426	2320744	Top	I	2	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C451	2320481	Top	M	7	0603C	Chipcap X5R 1U K 6V3 0603	1u0	6.3V
C453	2320779	Top	H	3	0603_BLM	CHIPCAP X7R 100N K 16V 0603	100n	16V
C551	2320560	Top	G	14	0402C	Chipcap 5% NP0	100p	50V
C552	2320560	Top	G	14	0402C	Chipcap 5% NP0	100p	50V
C554	2320554	Top	G	17	0402C	Chipcap 5% NP0	56p	50V
C555	2320524	Top	G	16	0402C	Chipcap +-0.25pF NP0	3p3	50V
C556	2312243	Top	H	16	0805C	CHIPCAP X5R 4U7 K 6V3 0805	4u7	6V3
C557	2320778	Top	C	16	0402C	Chipcap X7R 10% 16V 0402	10n	16V
C559	2320778	Top	G	14	0402C	Chipcap X7R 10% 16V 0402	10n	16V
C560	2320536	Top	D	14	0402C	Chipcap X7R 10% 16V 0402	10P	16V
C561	2320540	Top	F	14	0402C	Chipcap 5% NP0	15p	50V
C562	2320554	Top	H	17	0402C	Chipcap 5% NP0	56p	50V
C563	2320560	Top	D	17	0402C	Chipcap 5% NP0	100p	50V
C564	2310045	Top	F	15	0402C_GRM36	CHIPCAP X5R 68N K 10V 0402	68n	10V
C565	2310045	Top	F	16	0402C_GRM36	CHIPCAP X5R 68N K 10V 0402	68n	10V
C566	2320554	Top	F	14	0402C	Chipcap 5% NP0	56p	50V
C567	2320756	Top	H	14	0402C	Chipcap X7R 10% 50V 0402	3n3	50V
C568	2320556	Top	G	15	0402C	Chipcap 5% NP0	68p	50V
C569	2320540	Top	G	15	0402C	Chipcap 5% NP0	15p	50V
C570	2320536	Top	F	16	0402C	Chipcap 5% NP0	10p	50V
C571	2320536	Top	F	16	0402C	Chipcap 5% NP0	10p	50V
C572	2320536	Top	F	12	0402C	Chipcap 5% NP0	10p	50V
C573	2320536	Top	E	13	0402C	Chipcap 5% NP0	10p	50V
C574	2320546	Top	F	16	0402C	Chipcap 5% NP0	27p	50V
C575	2320546	Top	G	16	0402C	Chipcap 5% NP0	27p	50V
C600	2320546	Top	C	12	0402C	Chipcap 5% NP0	27p	50V
C601	2320554	Top	E	13	0402C	Chipcap 5% NP0	56p	50V
C602	2320564	Top	C	12	0402C	Chipcap 5% NP0	150p	50V
C603	2320805	Top	D	11	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C604	2320536	Top	D	11	0402C	Chipcap 5% NP0	10p	50V
C605	2320805	Top	E	11	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C606	2320778	Top	D	11	0402C	Chipcap X7R 10% 16V 0402	10n	16V
C607	2320744	Top	C	12	0402C	Chipcap X7R 10% 50V 0402	1n0	50V

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Item	Product Code	Location Side, Grid ref.			Description, Value and Type			
C613	2320805	Top	E	11	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C615	2320558	Top	F	13	0402C	Chipcap 5% NP0	82p	50V
C616	2320556	Top	C	11	0402C	Chipcap 5% NP0	68p	50V
C617	2320556	Top	D	11	0402C	Chipcap 5% NP0	68p	50V
C624	2314001	Top	F	12	0402C	CHIPCAP NP0 470P J 6V3 0402	470p	6V3
C625	2314001	Top	F	12	0402C	CHIPCAP NP0 470P J 6V3 0402	470p	6V3
C626	2314001	Top	F	12	0402C	CHIPCAP NP0 470P J 6V3 0402	470p	6V3
C627	2314001	Top	F	12	0402C	CHIPCAP NP0 470P J 6V3 0402	470p	6V3
C641	2320518	Top	E	13	0402C	Chipcap +-0.25pF NP0	1p8	50V
C642	2322015	Top	F	13	0603C	CHIPCAP NP0 2N2 G 16V 0603	2n2	16V
C650	2320520	Top	F	11	0402C	Chipcap +-0.25pF NP0	2p2	50V
C652	2320524	Top	F	10	0402C	Chipcap 5% NP0	3p3	50V
C653	2322015	Top	D	10	0603C	CHIPCAP NP0 2N2 G 16V 0603	2n2	16V
C654	2320564	Top	D	10	0402C	Chipcap 5% NP0	150p	50V
C655	2320481	Top	F	11	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C656	2320554	Top	F	10	0402C	Chipcap 5% NP0	56p	50V
C657	2320564	Top	D	10	0402C	Chipcap 5% NP0	150p	50V
C660	2320560	Top	G	10	0402C	Chipcap 5% NP0	100p	50V
C662	2320560	Top	C	12	0402C	Chipcap 5% NP0	100p	50V
C685	2320554	Top	C	12	0402C	Chipcap 5% NP0	56p	50V
C686	2320744	Top	C	12	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C687	2320604	Top	C	13	0402C	Chipcap 5% NP0	18p	50V
C691	2320548	Top	D	13	0402C	Chipcap 5% NP0	33p	50V
C692	2320548	Top	D	13	0402C	Chipcap 5% NP0	33p	50V
C693	2320540	Top	E	13	0402C	Chipcap 5% NP0	15p	50V
C694	2320540	Top	D	13	0402C	Chipcap 5% NP0	15p	50V
C695	2320907	Top	D	12	0402C_AVX	CHIPCAP NP0 HQ 0P7 B 16V 0402	0p7	16V
C699	2320508	Top	D	13	0402C	Chipcap +-0.25pF NP0	1p0	50V
C800	2320546	Top	K	13	0402C	Chipcap 5% NP0	27p	50V
C802	2320778	Top	K	12	0402C	Chipcap X7R 10% 16V 0402	10n	16V
C803	2320546	Top	L	13	0402C	Chipcap 5% NP0	27p	50V
C804	2320546	Top	L	13	0402C	Chipcap 5% NP0	27p	50V
C805	2320546	Top	L	11	0402C	Chipcap 5% NP0	27p	50V
C810	2320508	Top	M	13	0402C	Chipcap +-0.25pF NP0	1p0	50V
C811	2320508	Top	M	13	0402C	Chipcap +-0.25pF NP0	1p0	50V
C812	2320481	Top	J	12	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C813	2320508	Top	J	12	0402C	Chipcap +-0.25pF NP0	1p0	50V
C814	2320536	Top	J	12	0402C	Chipcap 5% NP0	10p	50V

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Item	Product Code	Location Side, Grid ref.			Description, Value and Type			
C816	2320544	Top	K	12	0402C	Chipcap 5% NP0	22p	50V
C818	2320485	Top	J	12	0603C	CHIPCAP NP0 470P J 50V 0603	470p	50V
C820	2320536	Top	J	12	0402C	Chipcap 5% NP0	10p	50V
C821	2320508	Top	J	12	0402C	Chipcap +-0.25pF NP0	1p0	50V
C822	2320783	Top	L	11	0402C	CHIPCAP X7R 33N K 10V 0402	33n	10V
C823	2320783	Top	L	11	0402C	CHIPCAP X7R 33N K 10V 0402	33n	10V
C824	2320783	Top	L	11	0402C	CHIPCAP X7R 33N K 10V 0402	33n	10V
C825	2320783	Top	L	11	0402C	CHIPCAP X7R 33N K 10V 0402	33n	10V
C826	2320783	Top	L	11	0402C	CHIPCAP X7R 33N K 10V 0402	33n	10V
C827	2320783	Top	L	11	0402C	CHIPCAP X7R 33N K 10V 0402	33n	10V
C830	2320744	Top	L	11	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C831	2320744	Top	L	11	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C832	2320744	Top	K	11	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C833	2320744	Top	K	11	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C842	2320546	Top	L	13	0402C	Chipcap 5% NP0	27p	50V
C844	2320546	Top	K	13	0402C	Chipcap 5% NP0	27p	50V
C846	2320536	Top	M	12	0402C	Chipcap 5% NP0	10p	50V
C848	2320524	Top	K	12	0402C	Chipcap 5% NP0	3p3	50V
C850	2320805	Top	K	12	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C852	2320566	Top	M	11	0402C	Chipcap 5% X7R	180p	50V
C853	2320566	Top	K	11	0402C	Chipcap 5% X7R	180p	50V
C854	2320566	Top	M	12	0402C	Chipcap 5% X7R	180p	50V
C855	2320566	Top	K	12	0402C	Chipcap 5% X7R	180p	50V
C860	2320491	Top	I	10	0603C	CHIPCAP X7R 220N K 10V 0603	220n	10V
C861	2320744	Top	G	10	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C866	2320805	Top	M	11	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C870	2320481	Top	I	10	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C872	2320560	Top	K	11	0402C	Chipcap 5% NP0	100p	50V
C880	2320584	Top	L	13	0402C	Chipcap 5% X7R	1n0	50V
C890	2320544	Top	M	12	0402C	Chipcap 5% NP0	22p	50V
C892	2320544	Top	M	12	0402C	Chipcap 5% NP0	22p	50V
C901	2320805	Top	G	13	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C902	2320540	Top	H	11	0402C	Chipcap 5% NP0	15p	50V
C903	2320744	Top	G	13	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C904	2320540	Top	H	12	0402C	Chipcap 5% NP0	15p	50V
C905	2320744	Top	H	11	0402C	Chipcap X7R 10% 50V 0402	1n0	50V
C906	2320805	Top	I	13	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C907	2320536	Top	G	11	0402C	Chipcap 5% NP0	10p	50V

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Item	Product Code	Location Side, Grid ref.			Description, Value and Type			
C908	2320805	Top	I	12	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V
C909	2320540	Top	I	13	0402C	Chipcap 5% NP0	15p	50V
C910	2320540	Top	I	13	0402C	Chipcap 5% NP0	15p	50V
C911	2320778	Top	K	15	0402C	Chipcap X7R 10% 16V 0402	10n	16V
C912	2320604	Top	G	13	0402C	Chipcap 5% NP0	18p	50V
C914	2320604	Top	I	13	0402C	Chipcap 5% NP0	18p	50V
C916	2320481	Top	I	12	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C918	2320778	Top	G	13	0402C	Chipcap X7R 10% 16V 0402	10n	16V
C920	2320560	Top	H	12	0402C	Chipcap 5% NP0	100p	50V
C921	2320560	Top	H	12	0402C	Chipcap 5% NP0	100p	50V
C924	2320558	Top	G	12	0402C	Chipcap 5% NP0	82p	50V
C926	2322033	Top	G	13	0603C	CHIPCAP NP0 1N2 J 16V 0603	1n2	16V
C930	2320584	Top	G	13	0402C	Chipcap 5% X7R	1n0	50V
C934	2320481	Top	H	11	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C936	2320524	Top	H	13	0402C	Chipcap +-0.25pF NP0	3p3	50V
C938	2320524	Top	I	13	0402C	Chipcap +-0.25pF NP0	3p3	50V
C940	2320540	Top	I	13	0402C	Chipcap 5% NP0	15p	50V
C946	2320778	Top	I	16	0402C	Chipcap X7R 10% 16V 0402	10n	16V
C948	2320778	Top	J	15	0402C	Chipcap X7R 10% 16V 0402	10n	16V
C952	2320540	Top	I	16	0402C	Chipcap 5% NP0	15p	50V
C954	2320540	Top	I	14	0402C	Chipcap 5% NP0	15p	50V
C955	2320481	Top	I	11	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C956	2320778	Top	I	11	0402C	Chipcap X7R 10% 16V 0402	10n	16V
C958	2320481	Top	K	15	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C959	2320481	Top	I	11	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C960	2320576	Top	K	14	0402C	Chipcap 5% X7R	470p	50V
C962	2320540	Top	L	15	0402C	Chipcap 5% NP0	15p	50V
C964	2320540	Top	M	15	0402C	Chipcap 5% NP0	15p	50V
C965	2320536	Top	P	9	0402C	Chipcap 5% NP0	10p	50V
C966	2320540	Top	L	14	0402C	Chipcap 5% NP0	15p	50V
C970	2320481	Top	K	16	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
C971	2320568	Top	O	9	0402C	Chipcap 5% X7R	220p	50V
C980	2320778	Top	L	15	0402C	Chipcap X7R 10% 16V 0402	10n	16V
C984	2320604	Top	K	16	0402C	Chipcap 5% NP0	18p	50V
C996	2613023	Top	O	10	TANT_TPSA	CHIPTCAP 2U2 M 10V 3.2X1.6X1.6	2u2_10V	10V
C997	2320481	Top	O	9	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V
D200	4370945	Top	L	8	TFBGA_244	~	~	~
D300	4377003	Top	L	4	uBGA_289	~	~	~

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Item	Product Code	Location Side, Grid ref.			Description, Value and Type			
D450	4347005	Top	G	4	TFBGA48_10.1X9.1	~	256M_NAND	~
D451	4341497	Top	I	4	uBGA40_XTYPE_10X11_H0.9	~	128M	~
D452	4341341	Top	L	7	uBGA52_H1.1	~	4Mx16	~
F400	5119019	Top	E	6	0603_FUSE	~	~	~
G100	4510377	Top	F	6	NKG3144D	~	26MHz	~
G650	4350243	Top	E	10	VCO_GK_601MNA_2	~	3420-3840MHz	~
G800	4350363	Top	J	13	VCO_FDK_IT_H1.7	~	4220-4340MHz	~
G820	4510371	Top	H	10	VCTCXO_NKG3126A	~	19.2MHz	~
G900	4350367	Top	G	11	VCO_FDK_IT_H1.7	~	3840-3960MHz	~
L100	3203705	Top	C	9	0805_FERRITE	~	~	~
L102	3203725	Botm	O	4	FERRITE_0402	~	~	~
L103	3645345	Top	L	10	COIL_LK_1608	CHIP COIL 4U7 K Q35/10MHZ 0603	4u7H	~
L200	3640147	Top	J	7	COIL_LQH32CN	CHOKE 10U K 0R39 0.45A 1210	10uH	~
L201	3203715	Botm	C	10	FERRITE_BK1005	~	~	~
L202	3203715	Botm	D	10	FERRITE_BK1005	~	~	~
L205	3203715	Top	M	9	FERRITE_BK1005	~	~	~
L300	3646007	Top	C	10	0402L	CHIP COIL 27N J Q27/800M 0402	27nH	~
L400	3640147	Botm	O	6	COIL_LQH32CN	CHOKE 10U K 0R39 0.45A 1210	10uH	~
L401	3203705	Top	E	5	0805_FERRITE	~	~	~
L402	3203705	Top	E	6	0805_FERRITE	~	~	~
L403	3203715	Top	J	3	FERRITE_BK1005	~	~	~
L404	3203715	Top	J	3	FERRITE_BK1005	~	~	~
L405	3203715	Top	K	3	FERRITE_BK1005	~	~	~
L406	3203715	Top	K	3	FERRITE_BK1005	~	~	~
L407	3203715	Top	K	3	FERRITE_BK1005	~	~	~
L408	3203715	Top	K	3	FERRITE_BK1005	~	~	~
L409	3203715	Top	I	3	FERRITE_BK1005	~	~	~
L410	3203715	Top	I	3	FERRITE_BK1005	~	~	~
L411	3203715	Top	J	3	FERRITE_BK1005	~	~	~
L414	3203715	Top	N	9	FERRITE_BK1005	~	~	~
L415	3203715	Top	N	8	FERRITE_BK1005	~	~	~
L552	3203705	Top	H	17	0805_FERRITE	~	~	~
L553	3203715	Top	D	17	FERRITE_BK1005	~	~	~
L554	3646059	Top	C	16	0402L	CHIP COIL 5N6 +-0N3 Q28/800M	5n6H	~

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Item	Product Code	Location Side, Grid ref.			Description, Value and Type			
L560	4551015	Top	F	15	COUPLER_LDC15D	~	~	~
L633	3646065	Top	F	12	0402L	CHIP COIL 12N J Q31/800M 0402	12nH	~
L634	3646065	Top	F	13	0402L	CHIP COIL 12N J Q31/800M 0402	12nH	~
L635	3646047	Top	E	13	0402L	CHIP COIL 3N3 +-0N3 Q28/800M	3n3H	~
L636	3646047	Top	E	13	0402L	CHIP COIL 3N3 +-0N3 Q28/800M	3n3H	~
L638	3646007	Top	G	14	0402L	CHIP COIL 27N J Q27/800M 0402	27nH	~
L639	3646007	Top	G	14	0402L	CHIP COIL 27N J Q27/800M 0402	27nH	~
L685	3646065	Top	C	12	0402L	CHIP COIL 12N J Q31/800M 0402	12nH	~
L686	3646065	Top	C	12	0402L	CHIP COIL 12N J Q31/800M 0402	12nH	~
L691	3646007	Top	D	13	0402L	CHIP COIL 27N J Q27/800M 0402	27nH	~
L801	3646009	Top	M	13	0402L	CHIP COIL 10N J Q30/800M 0402	10nH	~
L810	3646003	Top	M	12	0402L	CHIP COIL 2N2+-0N3 Q30/800M	2n2H	~
L812	3646003	Top	M	12	0402L	CHIP COIL 2N2+-0N3 Q30/800M	2n2H	~
L899	3645345	Top	G	10	COIL_LK_1608	CHIP COIL 4U7 K Q35/10MHZ 0603	4u7H	~
L900	3646005	Top	H	13	0402L	CHIP COIL 2N7+-0N3 Q29/800M	2n7H	~
L902	3646005	Top	I	13	0402L	CHIP COIL 2N7+-0N3 Q29/800M	2n7H	~
L906	3646067	Top	J	16	0402L	CHIP COIL 18N J Q29/800M 0402	18nH	~
L940	3646063	Top	H	12	0402L	CHIP COIL 22N J Q28/800M 0402	22nH	~
L959	3646003	Top	J	16	0402L	CHIP COIL 2N2+-0N3 Q30/800M	2n2H	~
L961	3646003	Top	J	16	0402L	CHIP COIL 2N2+-0N3 Q30/800M	2n2H	~
L970	4550227	Top	M	16	COUPLER_LDC10B	~	~	~
L999	3640154	Top	N	10	CHOKE_ELL4LM100MN	CHOKE 10U M 0.69A 0R18 4X4X1.8	10uH	~
N101	0700085	Top	G	7	BT102_X_BLUETOOTH	~	~	~
N102	4341421	Top	I	6	USMD5_1.4X1.1	~	~	2.8V
N200	4341521	Top	J	6	USMD10_2.534X2.28X0.675	~	~	~
N201	4341535	Top	J	7	USMD10_2.08X1.57	~	~	~
N300	4341485	Top	N	4	USMD5_1.442X1.087_H0.675	~	~	1.8V
N400	4341309	Botm	O	7	SOT23L_8	~	~	~
N401	4370961	Top	M	3	BCC_16	~	~	~
N402	4219945	Botm	O	8	SOT_363	~	~	~
N450	4341519	Top	M	7	USMD5_1.417X0.858	~	~	2.85V
N550	4350385	Top	E	15	RF_AMP_RF9203_E5_H1.7	~	~	~
N600	4370949	Top	D	12	uBGA_108_P0.5	~	~	~
N703	4341411	Top	O	9	USMD10_2.534X2.28X0.675	~	~	~

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Item	Product Code	Location Side, Grid ref.			Description, Value and Type			
N810	4370963	Top	L	12	TFBGA84	~	~	~
N900	4370897	Top	H	13	TFBGA84	~	~	~
N902	4370929	Top	J	15	VFQFPN_20	~	~	~
N950	4341421	Top	H	11	USMD5_1.4X1.1	~	~	2.8V
N951	4341421	Top	K	15	USMD5_1.4X1.1	~	~	2.8V
N960	4350423	Top	L	16		RF9212E5	~	~
R101	1430700	Top	G	5	0402R	Resistor 5% 63mW	10R	~
R103	1430762	Botm	O	4	0402R	Resistor 5% 63mW	2k2	~
R104	1430762	Botm	O	4	0402R	Resistor 5% 63mW	2k2	~
R105	1430762	Botm	O	4	0402R	Resistor 5% 63mW	2k2	~
R106	1413850	Botm	E	10	0805R	CHIPRES 0W125 4R7 J 0805	4R7	~
R107	1430778	Botm	H	17	0402R	Resistor 5% 63mW	10k	~
R110	1825133	Top	I	17	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R111	1430778	Botm	I	17	0402R	Resistor 5% 63mW	10k	~
R117	1430754	Botm	O	5	0402R	Resistor 5% 63mW	1k0	~
R118	1430758	Top	J	10	0402R	Resistor 5% 63mW	1k5	~
R119	1430748	Top	J	10	0402R	Resistor 5% 63mW	680R	~
R200	1414605	Top	L	10	0805R	CHIPRES 0W25 0R22 J 0805	0R22	~
R204	1430754	Top	M	8	0402R	Resistor 5% 63mW	1k0	~
R205	1430754	Top	J	7	0402R	Resistor 5% 63mW	1k0	~
R206	1430778	Top	J	8	0402R	Resistor 5% 63mW	10k	~
R207	1430778	Top	J	8	0402R	Resistor 5% 63mW	10k	~
R208	1430754	Top	M	10	0402R	Resistor 5% 63mW	1k0	~
R209	1430145	Top	N	8	0402R	Chipres 0W06 100k F 200ppm	100k	~
R210	1430804	Top	M	8	0402R	Resistor 5% 63mW	100k	~
R211	1820039	Top	G	3	0402_NTH5	NTC RES 47K J B=4050+-3%	47k	~
R212	1430794	Top	I	9	0402R	Resistor 5% 63mW	39k	~
R214	1825133	Botm	L	15	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R215	1825133	Botm	L	14	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R216	1430762	Botm	M	14	0402R	Resistor 5% 63mW	2k2	~
R217	1430762	Botm	M	14	0402R	Resistor 5% 63mW	2k2	~
R227	1825133	Botm	D	10	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R228	1825133	Botm	C	10	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R231	1430726	Botm	O	9	0402R	Resistor 5% 63mW	100R	~
R232	1825133	Botm	O	9	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R237	1430762	Top	N	8	0402R	Resistor 5% 63mW	2k2	~
R238	1430762	Top	N	8	0402R	Resistor 5% 63mW	2k2	~
R301	1430726	Top	J	6	0402R	Resistor 5% 63mW	100R	~

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R302	1430726	Top	J	6	0402R	Resistor 5% 63mW	100R	~
R303	1430784	Top	J	6	0402R	Resistor 5% 63mW	15k	~
R304	1430700	Top	M	5	0402R	Resistor 5% 63mW	10R	~
R305	1430754	Top	I	6	0402R	Resistor 5% 63mW	1k0	~
R306	1430754	Top	F	5	0402R	Resistor 5% 63mW	1k0	~
R400	4120011	Top	C	15	uBGA5	~	~	~
R401	1825133	Top	D	18	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R402	1825133	Top	K	2	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R403	4120011	Top	H	3	uBGA5	~	~	~
R404	4120011	Top	G	3	uBGA5	~	~	~
R405	1825133	Top	K	2	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R406	1825133	Top	K	2	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R407	4120071	Top	N	6	uBGA8	~	~	~
R408	1430710	Botm	O	8	0402R	Resistor 5% 63mW	22R	~
R409	1825133	Top	L	3	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R410	1825133	Top	J	2	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R411	1430758	Top	L	3	0402R	Resistor 5% 63mW	1k5	~
R412	1825133	Top	I	2	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R413	1825133	Top	J	2	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R414	1825133	Top	I	2	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R415	4129253	Top	K	3	uBGA11_2.22X1.72	~	~	~
R416	1430754	Top	I	3	0402R	Resistor 5% 63mW	1k0	~
R417	1430718	Top	L	3	0402R	Resistor 5% 63mW	47R	~
R418	1430718	Top	L	2	0402R	Resistor 5% 63mW	47R	~
R419	1430718	Top	L	3	0402R	Resistor 5% 63mW	47R	~
R420	1430718	Top	L	2	0402R	Resistor 5% 63mW	47R	~
R422	1825133	Top	J	2	0402_VAR	CHIP VARISTOR VWM14V VC50V	14V/50V	~
R423	1430714	Botm	L	3	0402R	Resistor 5% 63mW	33R	~
R424	1430714	Botm	L	3	0402R	Resistor 5% 63mW	33R	~
R426	1430734	Botm	O	8	0402R	Resistor 5% 63mW	220R	~
R429	1430804	Top	I	3	0402R	Resistor 5% 63mW	100k	~
R432	1430778	Top	K	10	0402R	Resistor 5% 63mW	10k	~
R435	1430754	Top	N	7	0402R	Resistor 5% 63mW	1k0	~
R436	1430754	Top	G	6	0402R	Resistor 5% 63mW	1k0	~
R437	1430754	Top	C	14	0402R	Resistor 5% 63mW	1k0	~
R438	1430754	Top	C	14	0402R	Resistor 5% 63mW	1k0	~
R439	1430754	Top	K	10	0402R	Resistor 5% 63mW	1k0	~
R442	1430714	Top	L	3	0402R	Resistor 5% 63mW	33R	~

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R450	1430778	Top	H	3	0402R	Resistor 5% 63mW	10k	~
R455	1430778	Top	I	6	0402R	Resistor 5% 63mW	10k	~
R552	1430734	Top	F	16	0402R	Resistor 5% 63mW	220R	~
R553	1430714	Top	F	15	0402R	Resistor 5% 63mW	33R	~
R554	1430714	Top	F	16	0402R	Resistor 5% 63mW	33R	~
R555	1430718	Top	F	15	0402R	Resistor 5% 63mW	47R	~
R556	1430764	Top	F	16	0402R	Resistor 5% 63mW	3k3	~
R557	1430764	Top	F	16	0402R	Resistor 5% 63mW	3k3	~
R558	1620515	Top	C	16	0404_RAC10	~	870R/5R77/ 870R	~
R559	1620515	Top	C	15	0404_RAC10	~	870R/5R77/ 870R	~
R601	1430700	Top	D	11	0402R	Resistor 5% 63mW	10R	~
R603	1430865	Top	F	11	0402R	CHIPRES 0W06 5K6 F 0402	5k6	~
R604	1430770	Top	F	11	0402R	Resistor 5% 63mW	4k7	~
R606	1430784	Top	F	12	0402R	Resistor 5% 63mW	15k	~
R607	1620033	Top	C	11	0404_R	~	2x5k6	~
R608	1620033	Top	C	11	0404_R	~	2x5k6	~
R610	1430788	Top	C	11	0402R	Resistor 5% 63mW	22k	~
R641	1430770	Top	E	13	0402R	Resistor 5% 63mW	4k7	~
R642	1430788	Top	E	13	0402R	Resistor 5% 63mW	22k	~
R643	1430690	Top	E	13	0402R	Chipres 0W06 jumper 0402	0R	~
R650	1430137	Top	D	10	0402R	CHIPRES 0W06 1K0 F 200PPM	1k0	~
R651	1430907	Top	D	10	0402R	CHIPRES 0W06 11K F 0402	11k	~
R652	1430700	Top	F	10	0402R	Resistor 5% 63mW	10R	~
R800	1430792	Top	K	12	0402R	Resistor 5% 63mW	33k	~
R802	1430758	Top	K	12	0402R	Resistor 5% 63mW	1k5	~
R806	1430700	Top	J	12	0402R	Resistor 5% 63mW	10R	~
R816	1430867	Top	M	12	0402R	CHIPRES 0W06 13K F 0402	13k	~
R818	1430700	Top	K	12	0402R	Resistor 5% 63mW	10R	~
R822	1430718	Top	H	10	0402R	Resistor 5% 63mW	47R	~
R824	1430774	Top	H	10	0402R	Resistor 5% 63mW	6k8	~
R834	1430770	Top	M	11	0402R	Resistor 5% 63mW	4k7	~
R844	1430804	Top	K	11	0402R	Resistor 5% 63mW	100k	~
R845	1430804	Top	L	11	0402R	Resistor 5% 63mW	100k	~
R850	1430754	Top	J	11	0402R	Chipres 0W06 jumper 0402	1K0	~
R901	1430726	Top	I	11	0402R	Resistor 5% 63mW	100R	~
R902	1430726	Top	I	12	0402R	Resistor 5% 63mW	100R	~
R903	1430726	Top	I	11	0402R	Resistor 5% 63mW	100R	~

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Item	Product Code	Location Side, Grid ref.			Description, Value and Type			
R904	1430726	Top	H	13	0402R	Resistor 5% 63mW	100R	~
R905	1430726	Top	I	11	0402R	Resistor 5% 63mW	100R	~
R906	1430726	Top	J	15	0402R	Resistor 5% 63mW	100R	~
R907	1430770	Top	G	13	0402R	Resistor 5% 63mW	4k7	~
R908	1430726	Top	I	11	0402R	Resistor 5% 63mW	100R	~
R909	1430691	Top	I	13	0402R	CHIPRES 0W06 2R2 J 0402	2R2	~
R910	1430788	Top	G	12	0402R	Resistor 5% 63mW	22k	~
R912	1430754	Top	G	12	0402R	Resistor 5% 63mW	1k0	~
R916	1430700	Top	H	11	0402R	Resistor 5% 63mW	10R	~
R921	1430801	Top	G	13	0402R	CHIPRES 0W06 2K1 F 0402	2k1	~
R922	1430867	Top	H	13	0402R	CHIPRES 0W06 13K F 0402	13k	~
R924	1430748	Top	H	13	0402R	Resistor 5% 63mW	680R	~
R928	1430748	Top	I	15	0402R	Resistor 5% 63mW	680R	~
R930	1430754	Top	G	13	0402R	Resistor 5% 63mW	1K0	~
R931	1430832	Top	I	15	0402R	Resistor 5% 63mW	2k7	~
R933	1430710	Top	I	14	0402R	Resistor 5% 63mW	22R	~
R934	1430710	Top	I	15	0402R	Resistor 5% 63mW	22R	~
R957	1430726	Top	G	13	0402R	Resistor 5% 63mW	100R	~
R958	1430700	Top	I	12	0402R	Resistor 5% 63mW	10R	~
R959	1430691	Top	I	12	0402R	CHIPRES 0W06 2R2 J	2R2	~
R960	1430762	Top	K	15	0402R	Resistor 5% 63mW	2k2	~
R961	1430762	Top	K	14	0402R	Resistor 5% 63mW	2k2	~
R962	1430718	Top	M	15	0402R	Resistor 5% 63mW	47R	~
R963	1430792	Top	O	9	0402R	Resistor 5% 63mW	33k	~
R964	1430740	Top	M	15	0402R	Resistor 5% 63mW	330R	~
R965	1430726	Top	I	9	0402R	Resistor 5% 63mW	100R	~
R966	1430740	Top	L	15	0402R	Resistor 5% 63mW	330R	~
R967	1430726	Top	I	8	0402R	Resistor 5% 63mW	100R	~
R968	1430752	Top	L	15	0402R	Resistor 5% 63mW	820R	~
R998	1430796	Top	P	9	0402R	Resistor 5% 63mW	47k	~
R999	1430796	Top	O	9	0402R	Resistor 5% 63mW	47k	~
S100	5209001	Top	J	17	BUTTON_EVQPUA02	~	~	~
S400	5209001	Top	C	18	BUTTON_EVQPUA02	~	~	~
S401	5209001	Top	B	15	BUTTON_EVQPUA02	~	~	~
S402	5209001	Top	B	13	BUTTON_EVQPUA02	~	~	~
S403	5209001	Top	B	12	BUTTON_EVQPUA02	~	~	~
T650	3640423	Top	D	11	TRANS_LDB15	~	~	~
T651	4550223	Top	D	13	TRANS_LDB15	~	~	~

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Item	Product Code	Location Side, Grid ref.			Description, Value and Type			
T800	4550225	Top	M	12	TRANS_LDB15	~	~	~
T802	4550229	Top	K	12	TRANS_LDB10	~	~	~
T902	3640423	Top	H	12	TRANS_LDB15	~	~	~
V100	4860155	Botm	C	9	CIM_93M5	IRDA	~	~
V400	4110471	Botm	O	6	EMD2	~	~	~
V403	4113721	Top	E	5	CASE_457	~	~	~
V550	4110079	Top	F	16	SOT323	~	~	~
V960	4115861	Top	M	15	SOT343_R	~	~	~
X100	5409297	Botm	K	16	MIRAGE_VGA_CIF_MANGO	~	~	~
X200	5409289	Botm	K	14	BATT_CONN_T_336872_2	~	~	~
X206	5400247	Botm	E	9	CONTACT_PAD_2.95X1.95	~	~	~
X207	5400247	Botm	E	8	CONTACT_PAD_2.95X1.95	~	~	~
X208	5400247	Botm	D	9	CONTACT_PAD_2.95X1.95	~	~	~
X209	5400247	Botm	D	8	CONTACT_PAD_2.95X1.95	~	~	~
X400	5460109	Top	O	6	MOLEX_54546_3611	~	~	~
X401	5460061	Botm	J	2	SYSCON_MQ202_NK_14R3	~	~	~
X403	5409279	Botm	N	6	SIM_CON_SK2002_00176	~	~	~
X700	5420047	Botm	F	14	COAX_MM8430	~	~	~
X962	5420047	Botm	N	11	COAX_MM8430	~	~	~
X963	9510434	Botm	M	14	ANT_CLIP_M3E14601	~	~	~
X964	9510434	Botm	M	16	ANT_CLIP_M3E14601	~	~	~
Z500	4550241	Top	G	15	ANT_SW_LMZ0135_8C	~	~	~
Z650	4511337	Top	C	13	DCC6D_H1.225	~	897.5MHz	~
Z800	4511349	Top	L	13	FILTER_EFCH2140MTE2	~	2140MHz	~
Z900	4511345	Top	K	16	DCC6D	~	1950MHz	~
Z960	4512189	Top	O	12	DFYK61G95LBJBA_X	~	1920-1980/ 2110-2170MHz	~
Z962	4510419	Top	M	15	ISOLATOR_SI_4AA	~	~	~

Note: The locations given here may vary slightly from those given in the Component Finder in Chapter 8.

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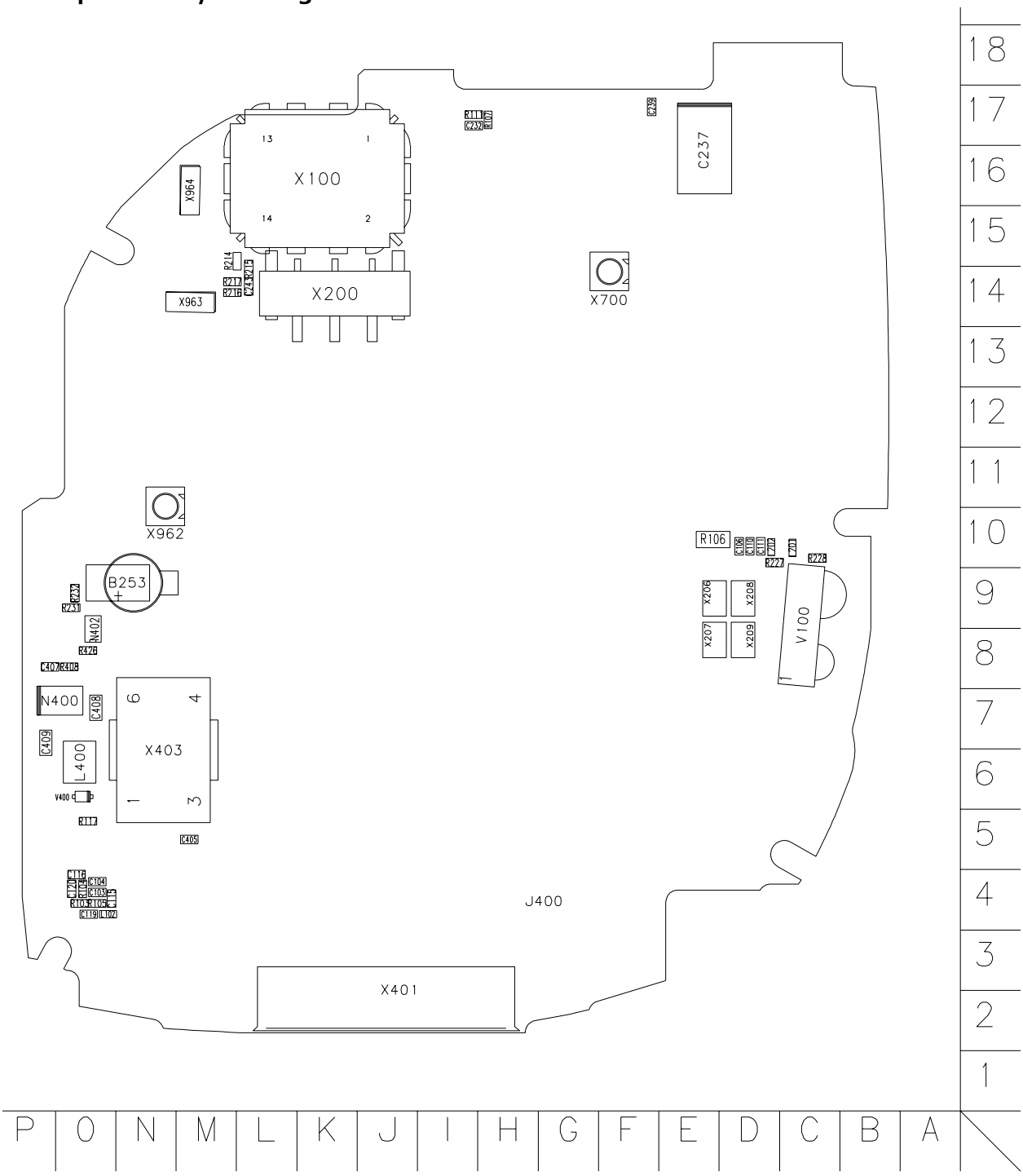
Component layout diagram Bottom



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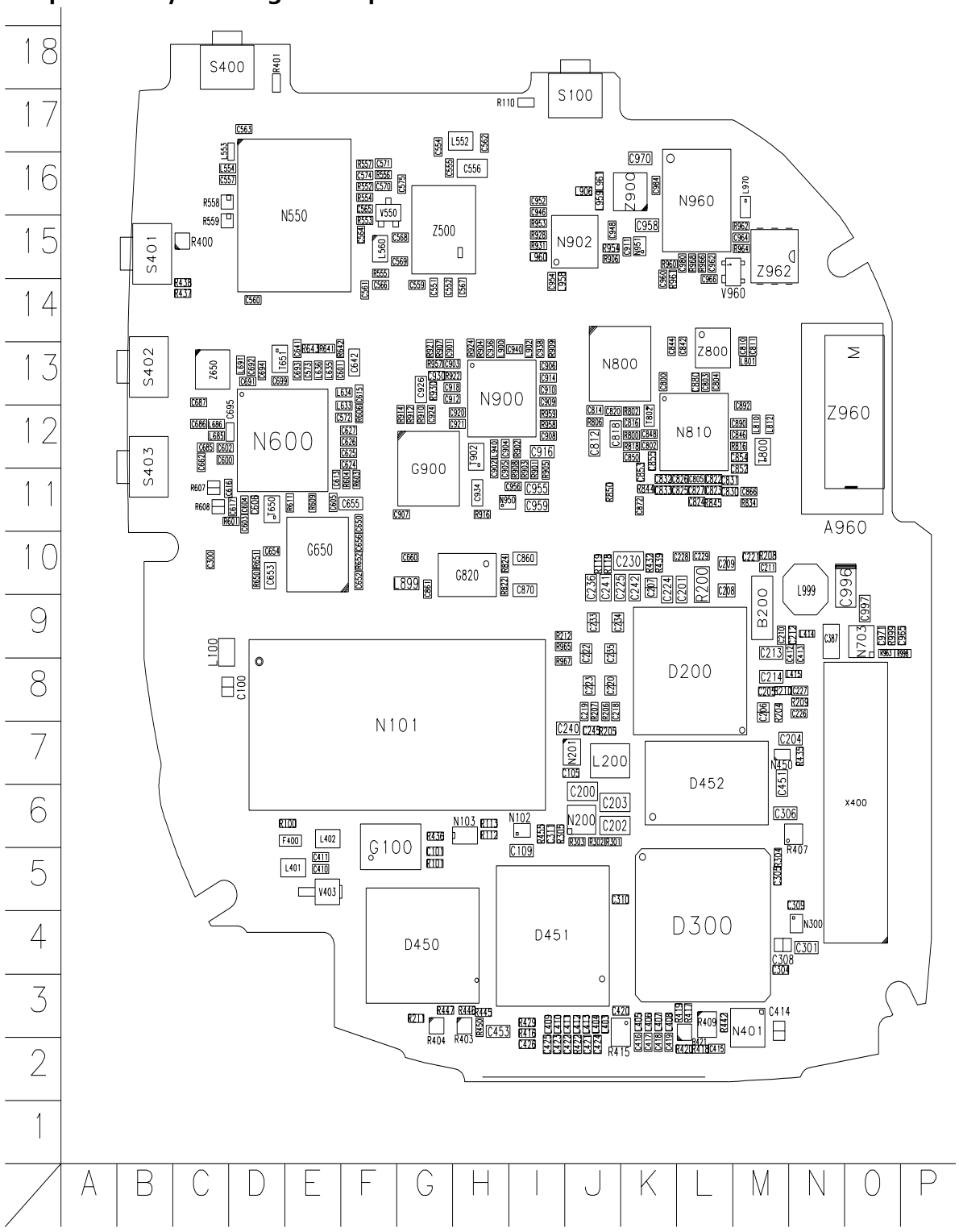
Component layout diagram Top



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